IL-34 promotes foam cell formation by enhancing CD36 expression through p38 MAPK pathway

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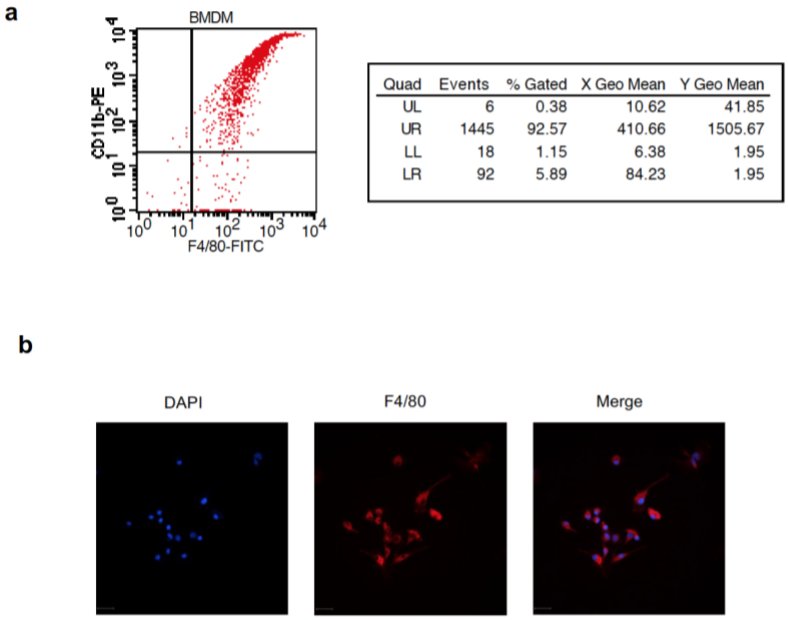
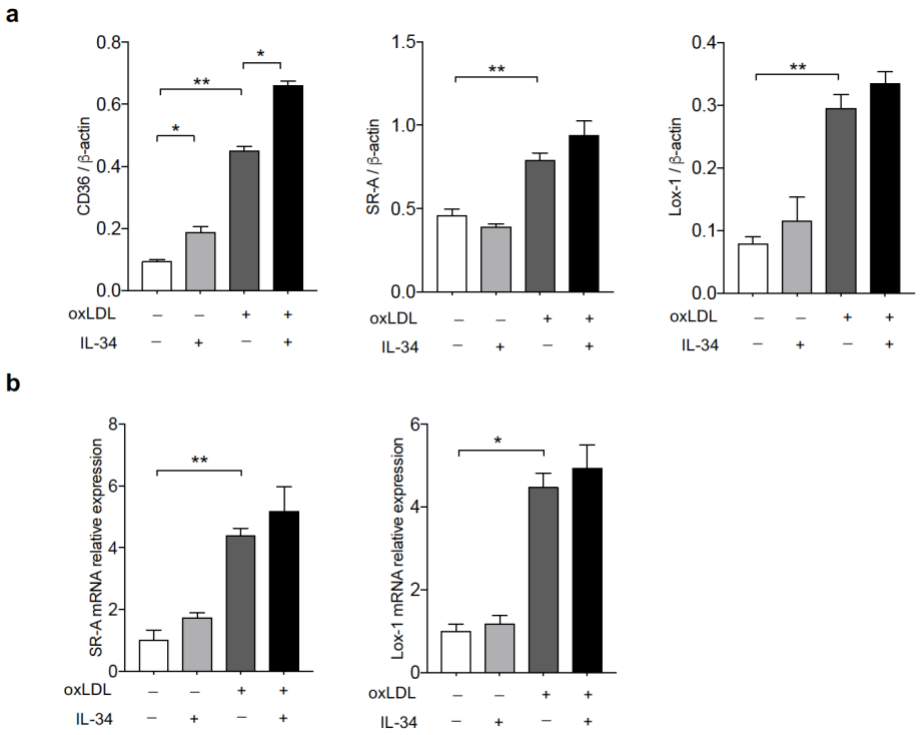
Supplementary Figures

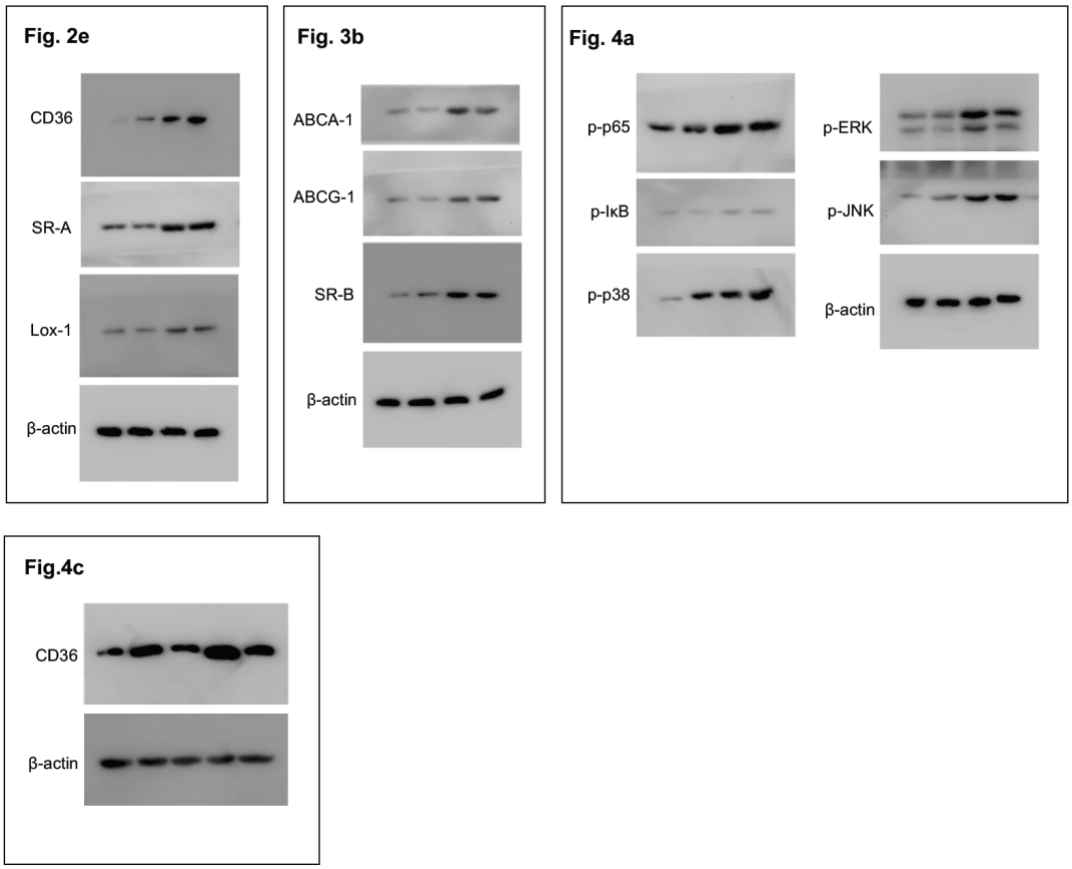


Quad	Events	% Gated	X Geo Mean	Y Geo Mean
UL	6	0.38	10.62	41.85
UR	1445	92.57	410.66	1505.67
LL	18	1.15	6.38	1.95
LR	92	5.89	84.23	1.95

Supplementary Figure 1. Identification of BMDMs. (**a**) Flow cytometry was carried out to determine the purity of BMDMs. Specific markers CD11b and F4/80 were used. (**b**) Immunofluorescence staining of F4/80 to identify the BMDMs.



Supplementary Figure 2. IL-34 enhanced the expression of scavenger receptor CD36 in BMDMs. (**a**) Quantitative data of the protein expression of CD36, SR-A and LOX-1 for Fig. 2e were presented of three independent experiments. (**b**) Analysis of mRNA levels of SR-A and LOX-1 was carried out by real-time quantitative PCR. Data represent mean ± SD of $n = 3$ biologically independent experiments. *$P < 0.05$, **$P < 0.01$.



Supplementary Figure 3. Uncropped images of Fig. 2e, 3b, 4a and 4c.

Supplementary Tables

Supplementary Table 1. Sequence of Primers used in the present study.

RT-PCR	***Forward***	***Reverse***
CD36	AGGAATTTGTCCTATTGGGAAAGTT	CCGCAGTACCCGAGACTTCT
SR-A	GGGAACACTCACAGACACTGAAA	GGGTTGATCCGCCTACACTC
LOX-1	CAAGATGAAGCCTGCGAATGA	ACCTGGCGTAATTGTGTCCAC
ABCA1	ATAGCAGGCTCCAACCCTGAC	GGTACTGAAGCATGTTTCGATGTT
ABCG1	GGGATCAGAACAGTCGCCTG	CGAGGTCTCTCTTATAGTCAGCGTC
SR-B	TTTGGAGTGGTAGTAAAAAGGGC	TGACATCAGGGACTCAGAGTAG
IL-1β	GCCCATCCTCTGTGACTCA	AGGCCACAGGTATTTTGTCG
IL-6	TAGTCCTTCCTACCCCAATTTCC	TTGGTCCTTAGCCACTCCTTC
TNF-α	CCCTCACACTCAGATCATCTTCT	TGCTACGACGTGGGCTACAG
β-actin	TGCTGTCCCTGTATGCCTCTG	AGGGAGAGCGTAGCCCTCAT